

A new species of *Lebeda* Walker, 1855 (Lepidoptera, Lasiocampidae) from Mindanao I., the Philippines

Yasunori KISHIDA

20-1-103, Kitazawa 5, Setagaya-ku, Tokyo, 155 Japan

Abstract *Lebeda gigantea* sp. n. is described from Mindanao I., Philippines.

Key words Lepidoptera, Lasiocampidae, *Lebeda gigantea* sp. n., Mindanao I., Philippines, taxonomy.

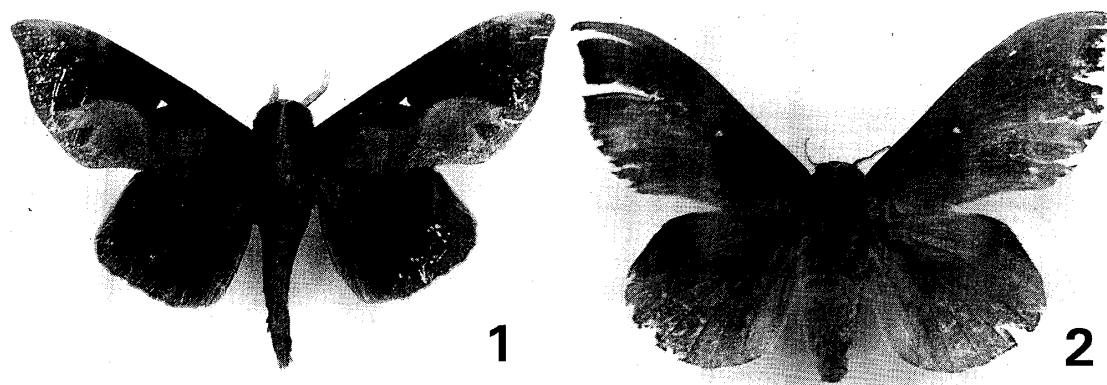
***Lebeda gigantea* sp. nov. (Figs. 1, 2)**

Expanse. ♂, 106 mm, ♀, 107 mm. Antenna strongly bipectinate in both sexes, each pecten longer in male as in other congeners. Frons, 3rd segment of palpus and patagium ochereous. Tegula red brown, its frontal and inner margins ochereous. Legs two-tone colored, femurs and tibiae red brown and tarsi pale ochereous. Abdomen brown, paler on above. ♂. Forewing two-tone color, brown in anterior and pale ochereous in posterior parts, and the boundary of two-tone zone S-curved. Discoidal spot white and triangle. All the transverse lines obscure. Hindwing brown, with a weak and pale ochereous outer line. ♀. Both wings uniformly pale ochereous, a discoidal white spot of forewing smaller than in male.

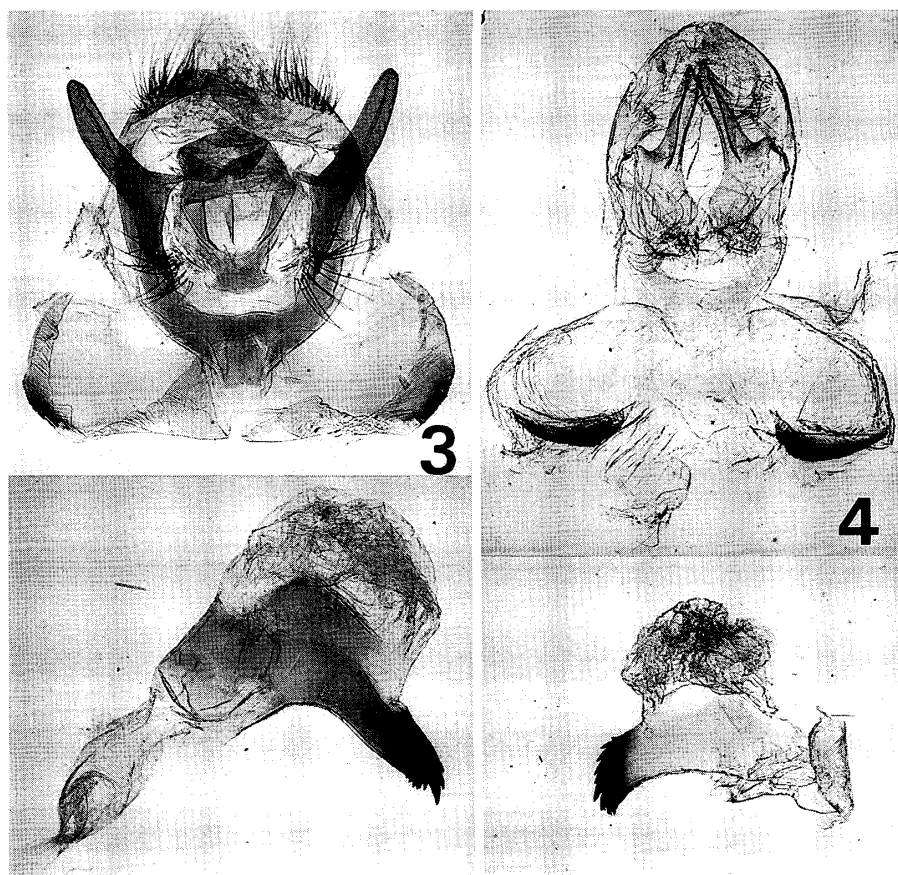
Male genitalia (Fig. 3). Similar to those of *L. cognata* (Fig. 4), but cubile more roundish; aedeagus longer, strongly bent at middle, apical scobinated area of it narrowed.

Holotype. ♂, Philippines, Mindanao I., Davao, Upper Baracatan, Apo Range, Mt. Talamo 1100 m, 17-19. Aug. 1985, M. Owada leg., in coll. National Science Museum (Nat. Hist.), Tokyo. Paratypes. 1 ♂, same data as holotype. 1 ♀, same locality as holotype, 3-6. July 1985, M. Owada leg.; 1 ♂, Mindanao I., Bukidnon 45 NW Maramag, Mt. Binansilang 1200 m, 2. Oct. 1986, Cerny & Schintlmeister leg., in National Science Museum (Nat. Hist.), Tokyo and in my own collection.

Remarks. The genus *Lebeda* consists of two species groups, one showing a striking sexual dimorphism and the other not. In the first group there have so far been known *L. nobilis*



Figs. 1-2. *Lebeda gigantea* sp. n. 1: ♂, holotype. 2: ♀, paratype.



Figs. 3-4. Male genitalia of *Lebeda* spp. 3: *L. gigantea* sp. n., paratype. 4: *L. cognata* Grünberg, Borneo.

Walker, 1855 (*List Specimens lepid. Insects Colln Br. Mus.* 6: 1456) from Himalaya to Taiwan, Malaysia, Sumatra and Java, *L. cognata* Grünberg, 1913 (*Ent. Rundsch.* 30: 103) from Malaysia, Sumatra and Borneo, and *L. agnata* Tams, 1928 (*Ann. Mag. nat. Hist.* (1) 10: 630) from Malaysia. The present new species is most similar to *L. cognata* Grünberg, but is easily distinguished from it by S-shaped boundary of two-tone zone of forewing in male and by the lack of tornal black spot of forewing in both sexes, while in the known species of the first species group, one or two conspicuous black spots are present near tornus of forewing.

Acknowledgments

In writing this paper I express my cordial thanks to Dr. M. Owada, the National Science Museum (Nat. Hist.), Tokyo, for his kind permission to examine invaluable specimens. My gratitudes are also due to Dr. A. Schintlmeister, Dresden, for his kindness in offering me valuable specimens.

References

- Holloway, J. D., 1987. *The Moths of Borneo*, part 3. Kuala Lumpur.
 Lajonquière, Y. de, 1979. Les genres *Metanastria* Hübner et *Lebeda* Walker. 30e Contribution a l'étude des Lasiocampidae (Lepidoptera). *Annls Soc. ent. Fr.* (N.S.) 15: 681-703.

Tams, W.H.T., 1935. Résultats scientifiques du Voyage aux Indes Orientales néerlandaises de LL. AA. RR. le Prince et la Princesse Léopold de Belgique. *Mem. Mus. r. Hist. nat. Belg.* (Hors serie) 4 (2): 33-64, pls. 1-10 (in English).

摘 要

フィリピン産 *Lebeda* (オオカレハ) 属の 1 新種 (岸田泰則)

フィリピン・ミンダナオ島からカレハガ科の新種 *Lebeda gigantea* sp. n. を記載した。ヒマラヤからマレーシア、台湾、スマトラ、ジャワにかけて分布する *L. nobilis* Walker (オオカレハ) や、マレーシア、スマトラ、ボルネオに産する *L. cognata* Grünberg に似ているが、前翅後角部の黒紋を欠くことで容易に区別できる。

(Accepted March 2, 1992)